



IR CARBON SULFUR ANALYZER

IR CARBON SULFUR ANALYZER BHE1B1 BHE1B2

HIGH-FREQUENCY INFRARED CARBON & SULFUR ANALYZER

High Frequency Infrared Carbon and Sulfur Analyzer can simultaneously and rapidly analyze carbon and sulfur in solid materials such as ferrous metals, non-ferrous metals, alloy materials, ferroalloys, rock ores, ore soils, titanium dioxide, new energy materials and other non-metallic materials.



It can accurately measure the carbon and sulfur in steel, iron, alloy, nonferrous metals, and other materials.

Radio circuit: The design of high-duty radio circuit and the application of 2.5KVA HF plotron, frequency : 20MHz. Military-purpose ceramic vacuum tubes and ceramic vacuum capacitors.

HF control circuit: It is used for automatic detection of the electromagnetic valve, the elevation or descent of cylinder and the performance of the HF unit. Automatic overtime/overflow alarming system enables the HF furnace to work under normal conditions.

The optional current/voltage/power regulator for furnace temperature control: It is applicable to samples of various materials.

Gas path: The high precision flow controller ensures the stability of gas flow a

SPECIFICATIONS

Model	BHE1B1	BHE1B2
Old Model	BANA-401	BANA-402
Appearances	Bench type detector with bench type high-frequency oven for space saving.	The operating table design, matching vertical high-frequency furnace is beautiful and generous.
Scope of Analysis	C: 0.0005%-6.0000%S: 0.0005%-0.3500%	C: 0.0001%-10.0000%S: 0.0001%-2.0000%
Furnace Power	2.2 KW	2.5 KW
Detection Cell	One carbon and one sulfur pool	One carbon pool and one sulfur pool (Expandable low-carbon and high-sulfur pools)
Overall Dimensions	L530xW370xH195 mm	L1360xW610xH770 mmL680xW510xH1260 mm
Weight	115 kg	215 kg
Alt Name	High-frequency Infrared Carbon & Sulfur Analyzer	



BHE1B1



BHE1B2

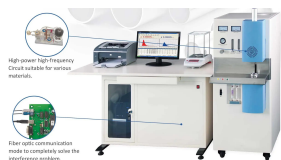
ITEMS INCLUDED

No	Accessory Code	Name	Quantity
1	1600906006	High frequency automatic inductive combustion furnace	1
2	1600906007	Electric Balance	1
3	1600906008	Computer	1
4	1600906009	Printer	1

FEATURES

It can accurately measure the carbon and sulfur in steel, iron, alloy, nonferrous metals, and other materials.

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Mining, Construction Material, Food, Geology, Commercial Inspection, Automotive, Aviation, Steel Products, Minerals, Non-Ferrous Metals, Non-Ferrous Metal Alloys, Inorganic Materials, Research

CARBON & SULFUR ANALYZER

IR Carbon Sulfur Analyzer is developed for the accurate and safe analysis of carbon and sulfur in inorganic samples. It can rapidly and accurately conduct content determination of carbon and sulfur in materials like steel, iron, alloy, nonferrous metals, etc. This is a high-tech product that integrates optical, electrical, computer, and analytical technology into one.



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SPECIFICATIONS

Model	BHF1B1
Old Model	BANA-403
Carbon Measurement Range	0.00001% - 99.99999%
Sulphur Measurement Range	0.00001% - 99.99999%
Carbon Analysis Precision	RSD $\leq$ 0.5%
Sulphur Analysis Precision	RSD $\leq$ 1%
Carbon Detection Point	C Pond (can add low C Pond)
Sulphur Detection Point	S Pond (can add low S Pond)
Carrier Gas	Oxygen: Purity $\geq$ 99.5%, Pressure: 0.18 MPa $\pm$ 5%
Operation Gas	Oxygen: Purity $\geq$ 99.5%, Pressure: 0.18 MPa $\pm$ 5%
Time of analysis	20 to 60 seconds adjustable (Usually 35 seconds)
Sensitivity (The minimum readings)	C/s 0.1 ppm
Dimension	540x600x800 mm
Weight	80 kg
Sample weight	0.5 g
Power Supply	AC 220 V $\pm$ 5%, 50 Hz $\pm$ 2%
Alt Name	Carbon&Sulfur Analyzer

APPLICATIONS

Mining, Construction Material, Food, Geology, Commercial Inspection, Automotive, Aviation, Steel Products, Minerals, Non-Ferrous Metals, Non-Ferrous Metal Alloys, Inorganic Materials, Research



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